DIVYANSHU KUMAR
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SKILLS

- **Languages:**   C, C++,   Java, Javascript
- **Tools/Platforms:**   MySQL, SQL Server
- **Soft Skills:**   Problem-Solving Skills, Project Management, Adaptability

PROJECTS

Farmer Support Platform | Java , API, MySQL   May' 2025
- Designed and developed a digital platform to support farmers with real-time agricultural guidance
- Provided services such as weather updates, crop recommendations, pest control tips, and market price information.
- Aimed to enhance productivity, sustainability, and informed decision-making among rural farmers.
- Learned real-time data-driven solutions using Java and APIs to support agriculture-based decision-making.

Malaria Detection System | Python, OpenCV, Machine Learning   May' 2025
- Preprocessed blood smear images using OpenCV, enhancing image quality and reducing noise by 40%.
- Developed a convolutional neural network (CNN) model for malaria parasite detection, achieving 92% accuracy.
- Built and deployed a web-based application with Flask and HTML, providing fast and user-friendly malaria diagnosis with an 88% user satisfaction score.
- Learned to preprocess medical images, build and deploy CNN models for accurate malaria detection using Python and Flask.

Payroll Database | SQL, MS SQL Server   Nov' 2024
- Develop a payroll database system to manage employee salaries, deductions, and payments efficiently.
- Used to store employee details.
- Calculate salaries based on working hours, tax deductions, and benefits.
- Generate payslips and maintain salary records.
- Learned to design relational databases and automate payroll processing using SQL and MS SQL Server.

CERTIFICATE

- **Computer Communication and Network**   Cisco network academy   Feb' 2024

- **Data Analysis Using Python**   Cognitive Class by IBM   Mar' 2025

EDUCATION

Lovely Professional University	Jalandhar, Punjab
Master's of Computer Application	Aug' 2024-present
C. G.P.A: 6.13	
S.N.S.R.K.S, College	Saharsa,Bihar
Bachelor's of Computer Application	Sept' 2020-Aug' 2023
Percentage: 83.5%	
Eklavaya Central School	Sulindabad, Bihar
Intermediate in Science	Mar' 2018-Apr' 2020
PCM, Percentage: 65%	